

50

TABLE NAME: DATABODYATT

QUALIFIER: DB2ADMIN

UPDATE TABLE DELETE TABLE EXPORT TABLE

FIELDS: DOCUNID

KEYS: DOCUNID

NAME: DOCUNID

ADD KEY DELETE KEY

TYPE: INTEGER LENGTH: 10 SCALE: 0

UPDATE FIELD DELETE FIELD OK CANCEL

**FIG. 1A**

RELATIONSHIPS

TYPE SUFFIX

qvsources - TEMPLBODY - qvtarget = DBROOT

quick view

UPDATE DELETE

SOURCE TABLE TARGET TABLE

TEMPLBODY DBROOT

SOURCE KEYS TARGET KEYS

TEMPLID TEMPLID

ADD DELETE

TARGET FIELDS

OK CANCEL

DOCUNID

**FIG. 1B**

DEFINING THE DATASTORE AT BUILDTIME

STEP ONE -- USE DATABASE SCHEMA TO DEFINE HOMES

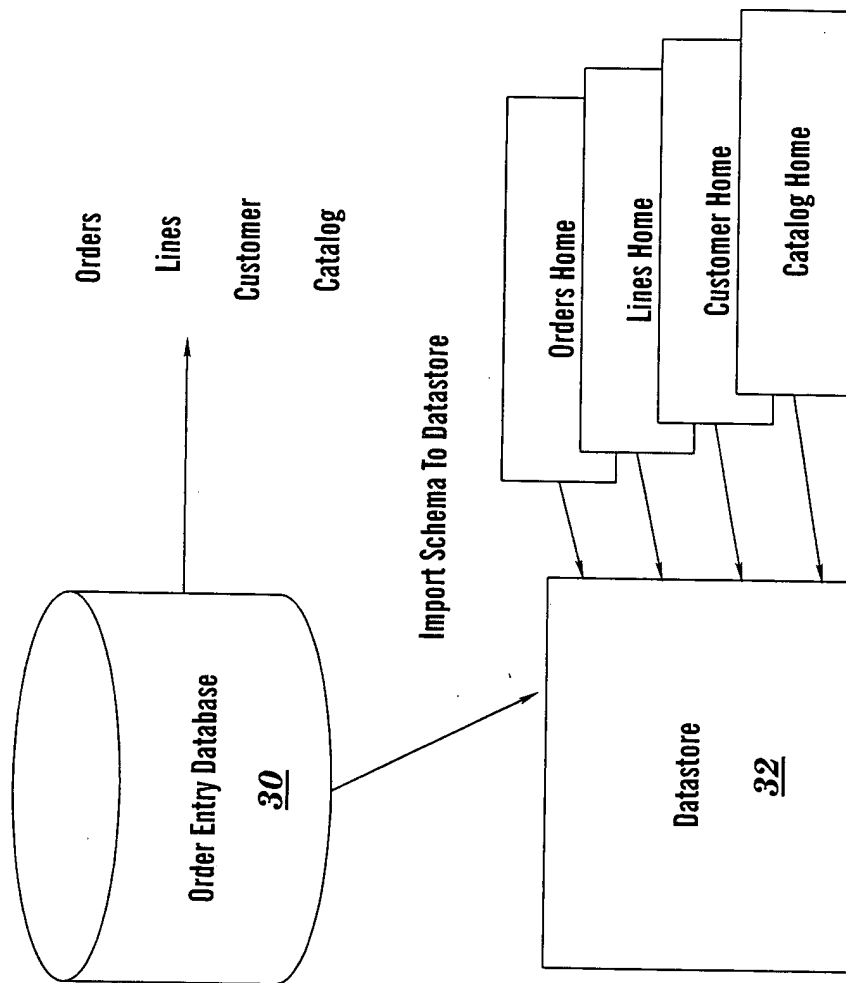
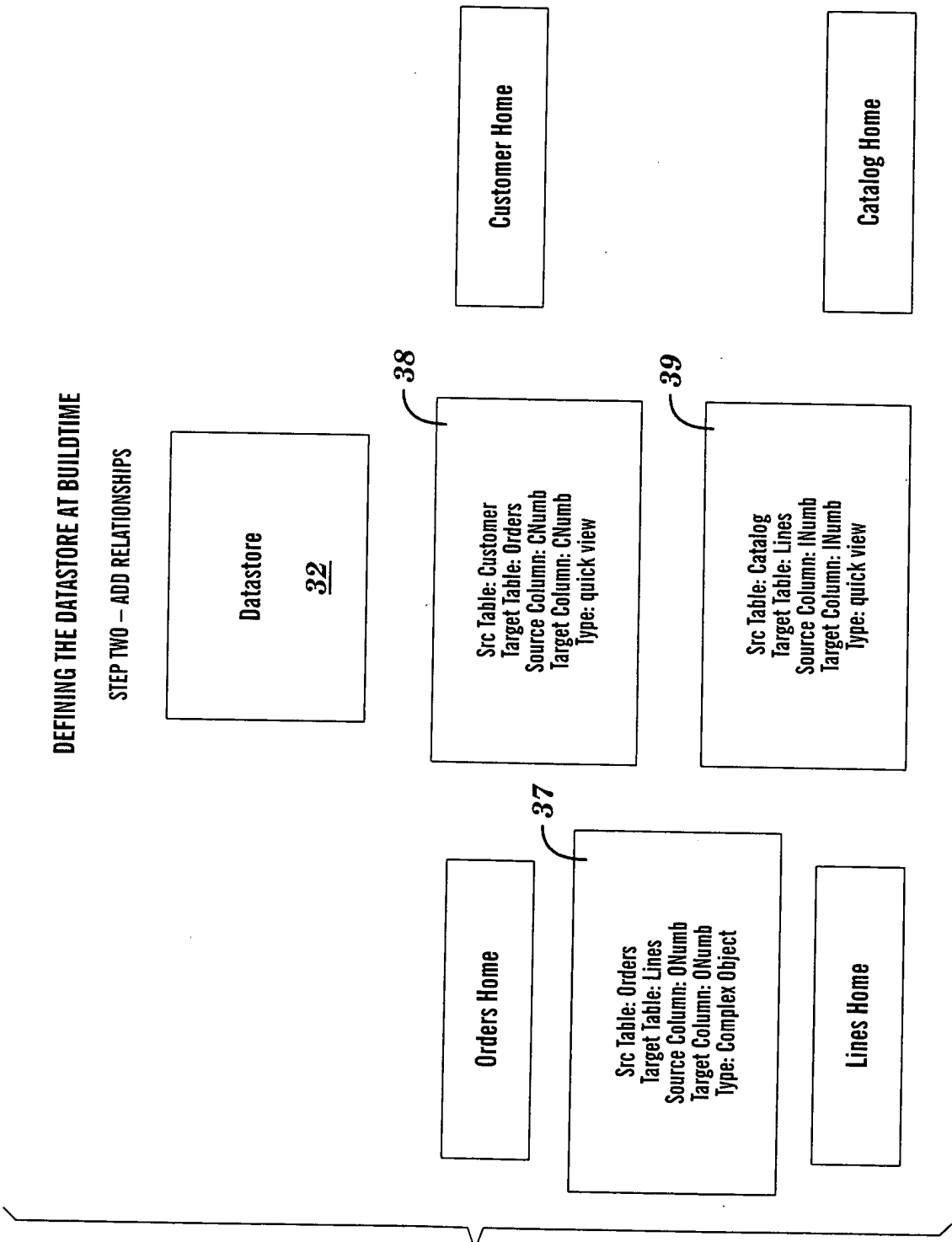
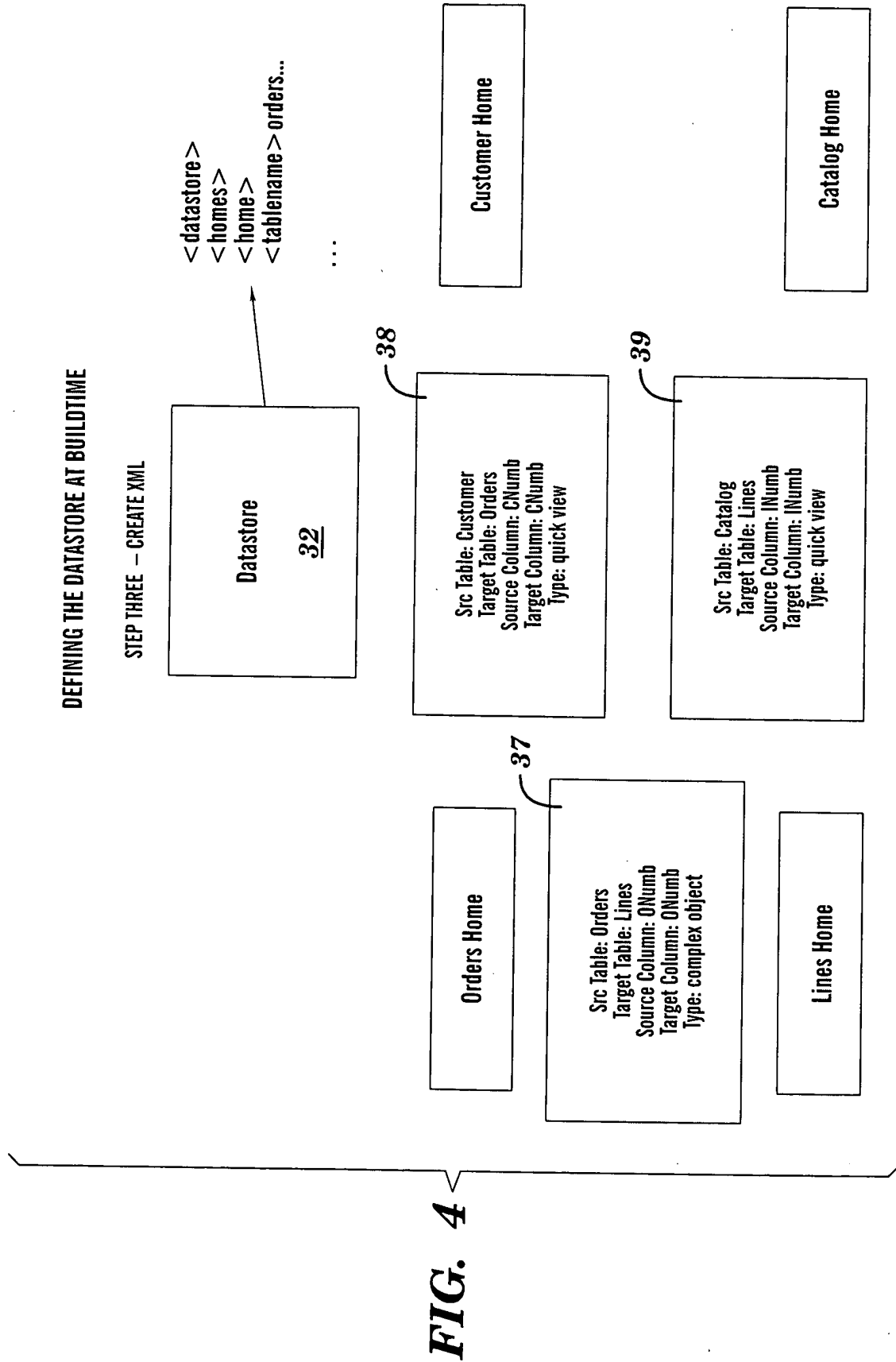


FIG. 2



**FIG. 3**



**Orders Table**

O_Numb	C_Numb	Status	Orddate
O0001	C0005	PENDING	2003-10-20-15.12.03.068000
O0002	C0002	NEW	2003-10-20-15.12.03.068000
O0003	C0001	BACKORDER	2003-10-20-15.12.03.068000
O0004	C0002	NEW	2003-10-20-15.12.03.068000
O0005	C0003	BACKORDER	2003-10-20-15.12.03.068000

**FIG. 5**

**Customer Table**

C_Numb	Name	Street	City	State	Zip_code
C0001	Mary Jones	101 Software Rd.	Cary	NC	91234
C0002	Joe Smith	102 Software Rd.	Cary	NC	12345
C0003	Ralph Jones	103 Software Rd.	Cary	NC	23456
C0004	Susan Jones	101 Development Lane	Raleigh	NC	34567
C0005	Bob Smith	102 Development Lane	Raleigh	NC	45678
C0006	Ken Jones	105 Development Lane	Cary	NC	56789
C0007	Maria Smith	110 Software Rd	Cary	NC	67890
C0008	Randal Jones	201 Development Lane	Raleigh	NC	78901
C0009	Tom Smith	301 Software Rd	Garner	NC	89012
C00010	James Jones	502 Development Lane	Raleigh	NC	87312

**FIG. 6**

Lines Table

O.Numb	L.Numb	P.Numb	Qty	Ucost
00001	1	P00001	5	8.00
00001	2	P00002	10	9.00
00001	3	P00003	15	5.00
00001	4	P00004	20	2.50
00002	1	P00005	5	18.00
00002	2	P00006	10	12.60
00002	3	P00007	15	35.00
00002	4	P00008	20	40.00
00003	1	P00009	5	78.00
00003	2	P000010	10	125.00
00003	3	P000011	15	62.00
00003	4	P000012	20	100.00
00004	1	P000013	5	66.75
00004	2	P000014	10	28.00
00004	3	P000015	15	7.00
00004	4	P00001	20	3.50
00005	1	P00002	5	2.75
00005	2	P00003	10	8.00
00005	3	P00004	15	90.00
00005	4	P00005	20	15.00
00005	5	P00006	25	1.25

**FIG. 7**

Catalog Table

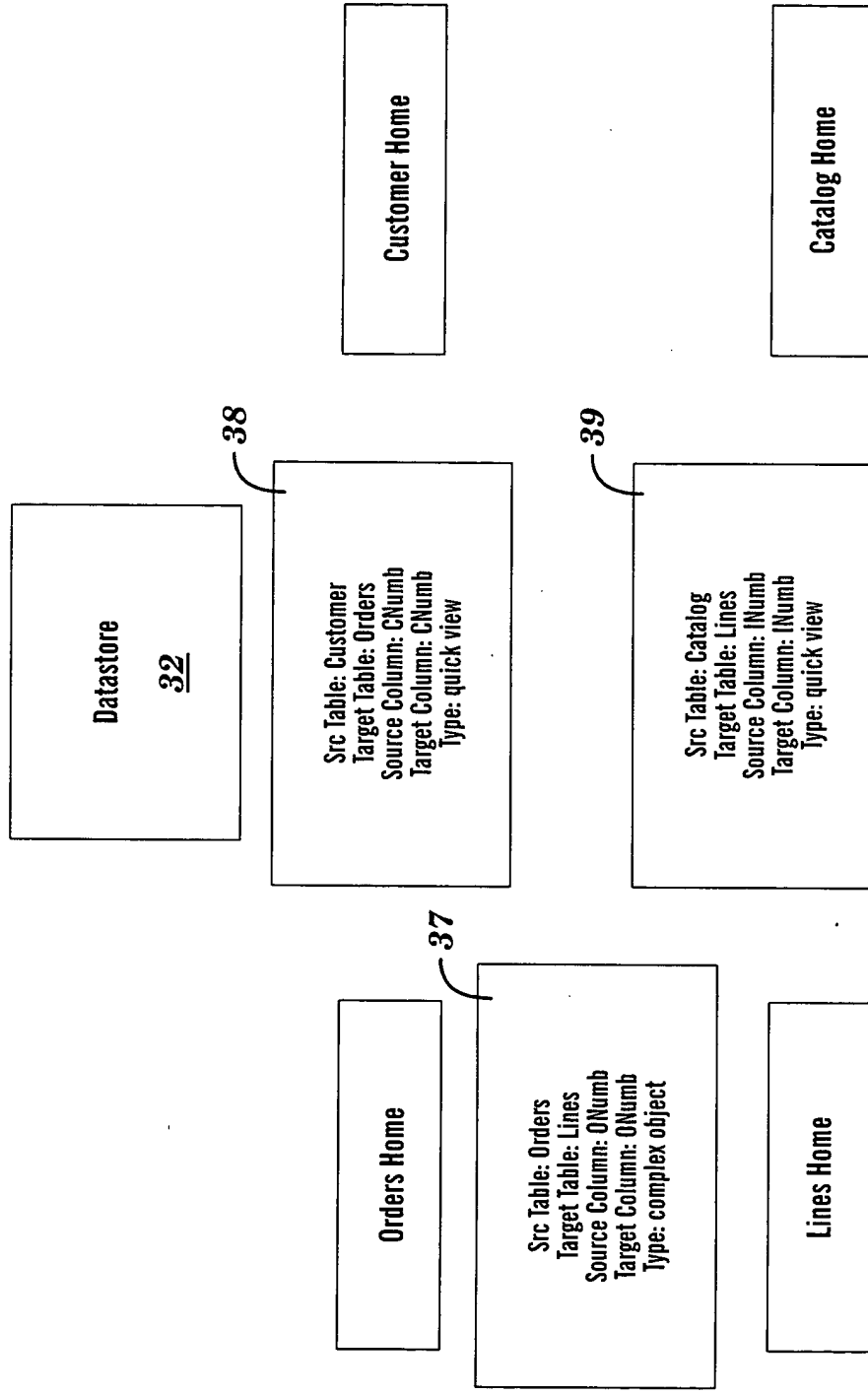
PNumb	Description	Ucost
P00001	belt	8.00
P00002	tie	9.00
P00003	hat	5.00
P00004	socks	2.50
P00005	blouse	18.00
P00006	sweater	12.60
P00007	slippers	35.00
P00008	bathing suit	40.00
P00009	dress	78.00
P000010	dress jacket	125.00
P000011	skirt	62.00
P000012	sports jacket	100.00
P000013	dress shoes	66.75
P000014	raincoat	28.00
P000015	shorts	7.00
P00016	cuff links	3.50
P00017	tie clip	2.75
P00018	gloves	8.00
P00019	running shoes	90.00
P00020	scarf	15.00

**FIG. 8**



RETRIEVING LINES FOR ORDER #00001

STEP ONE — FIND RELATIONSHIP WITH SOURCE TABLE ORDERS AND TARGET TABLE LINES



**FIG. 9**

RETRIEVING LINES FOR ORDER #00001

STEP TWO – FIND TARGET TABLE FOR THE RELATIONSHIP

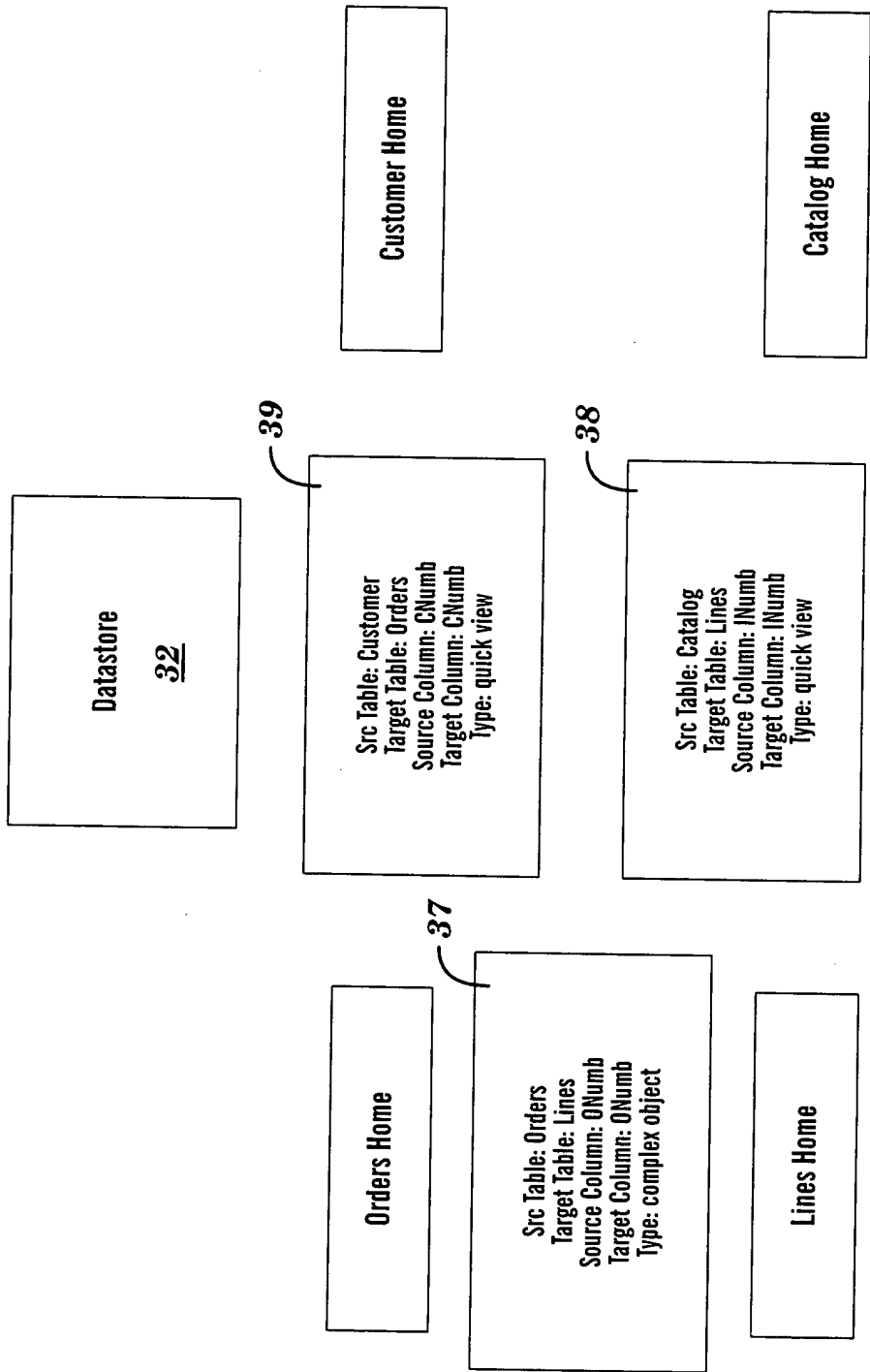
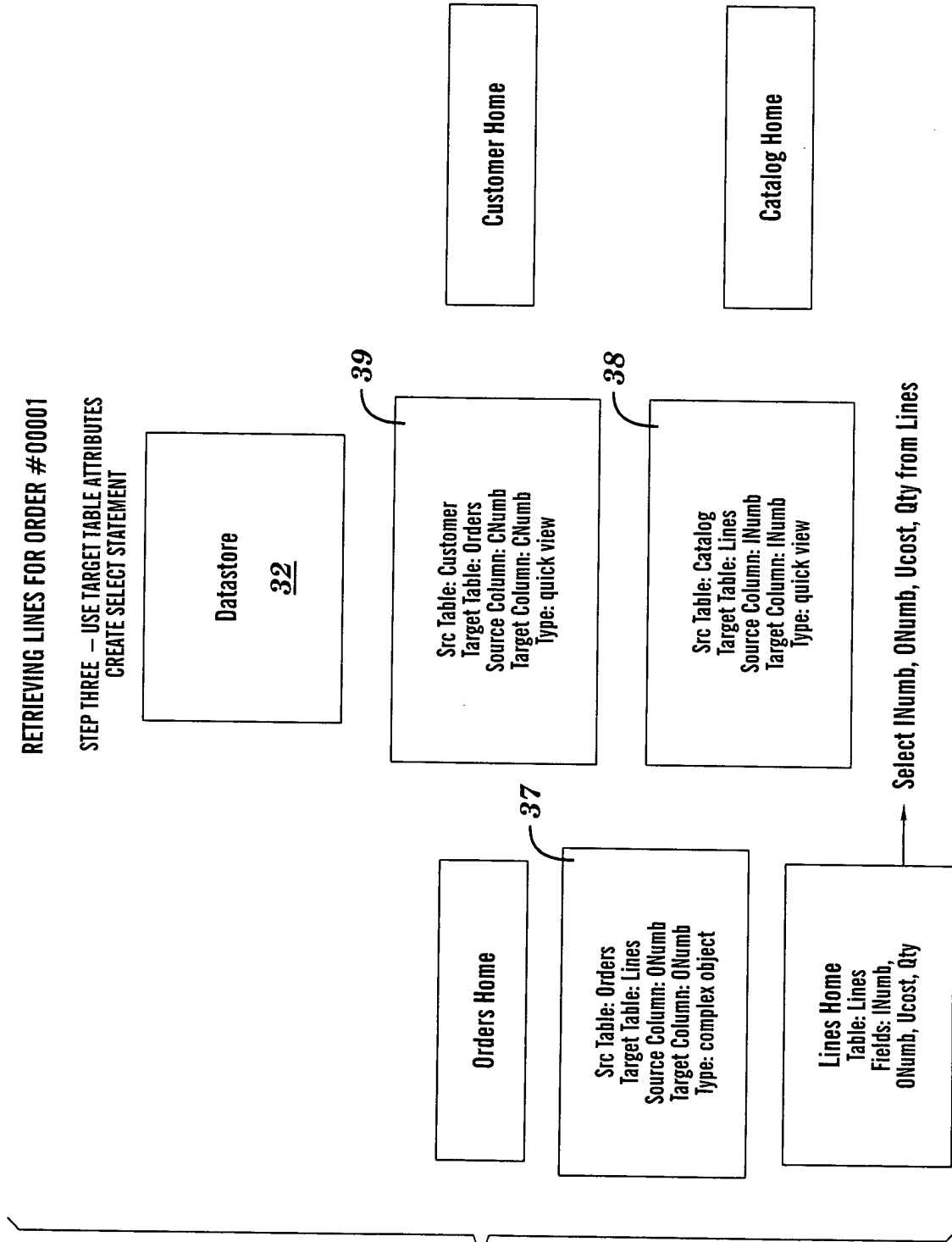
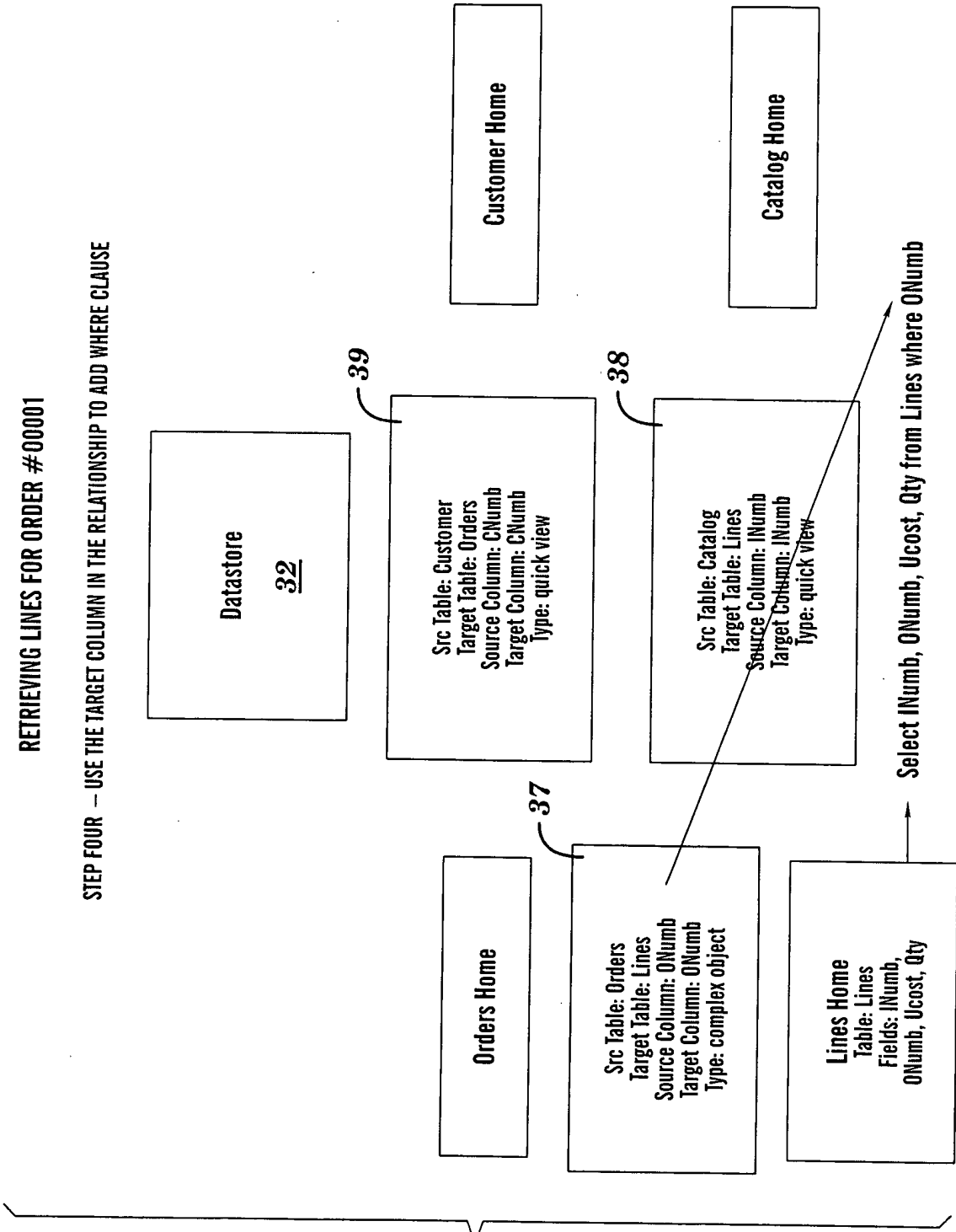
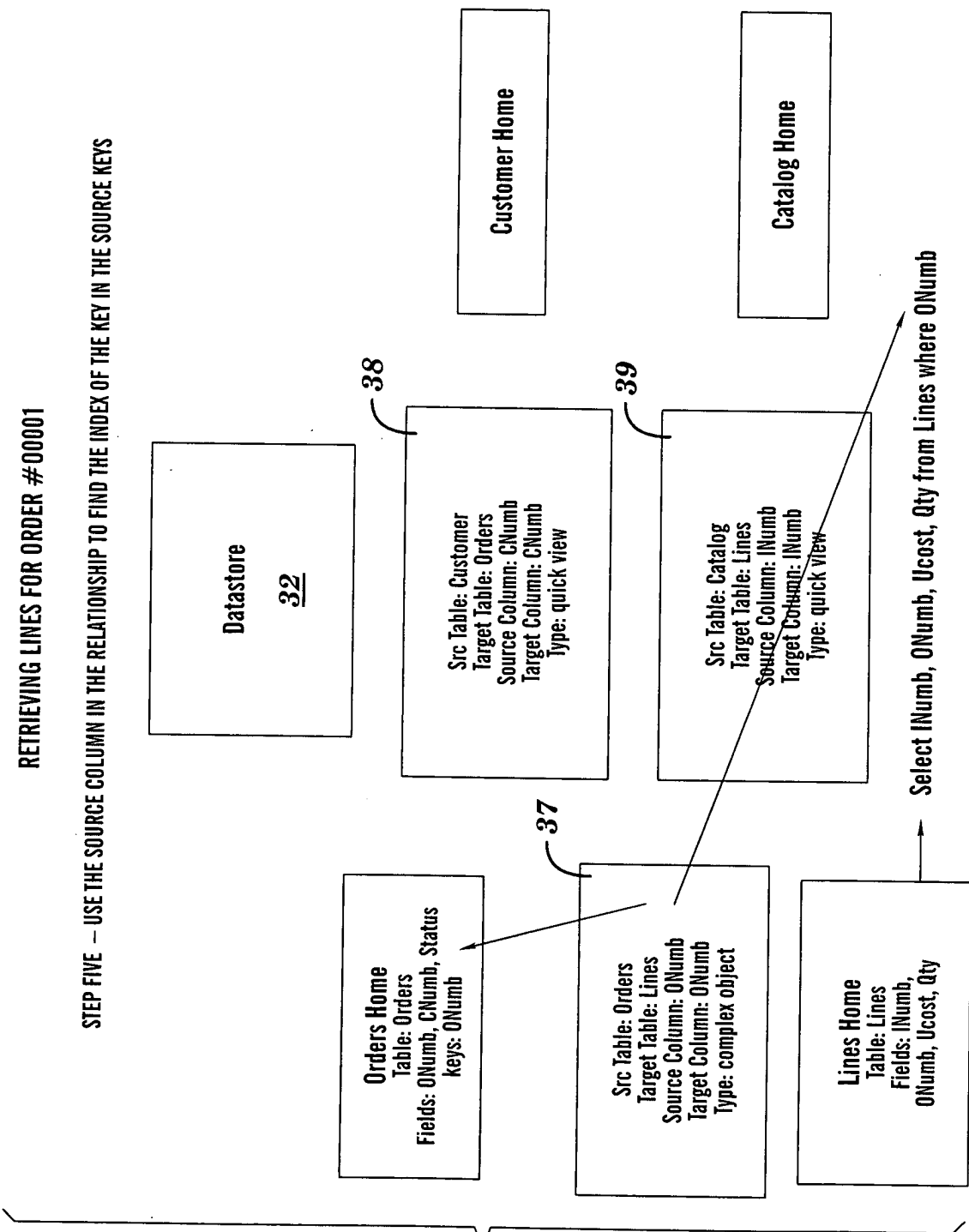


FIG. 10

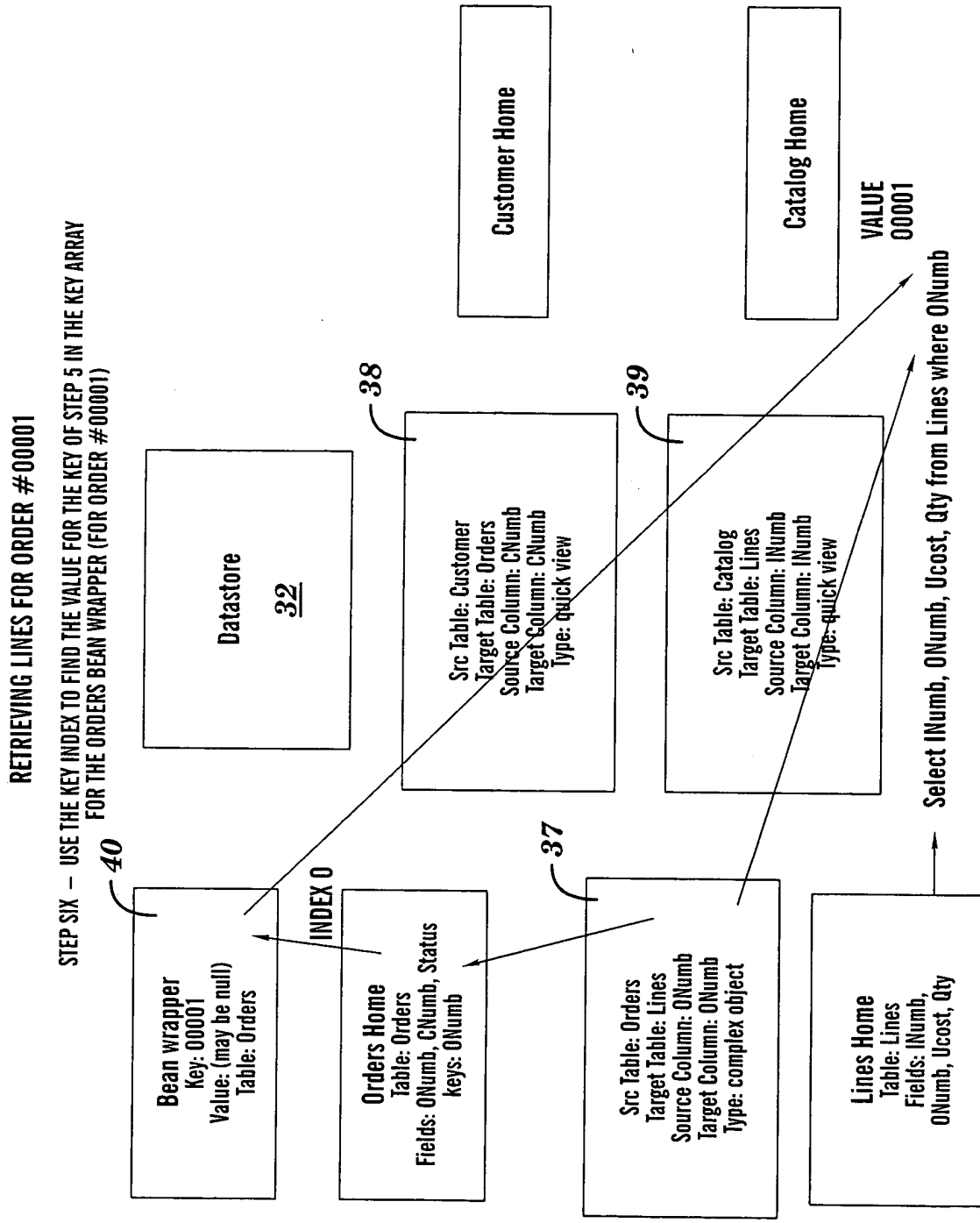




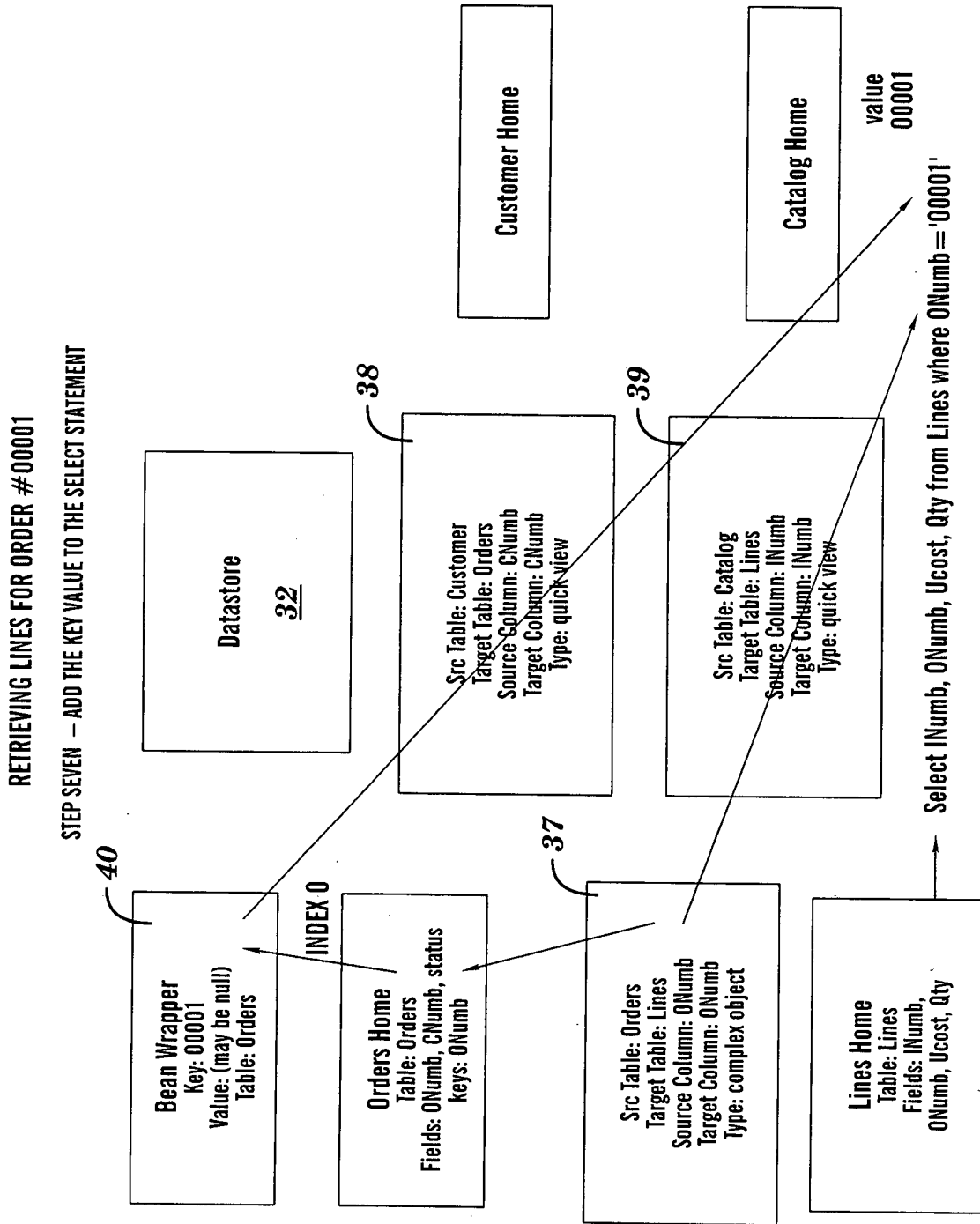
**FIG. 12**



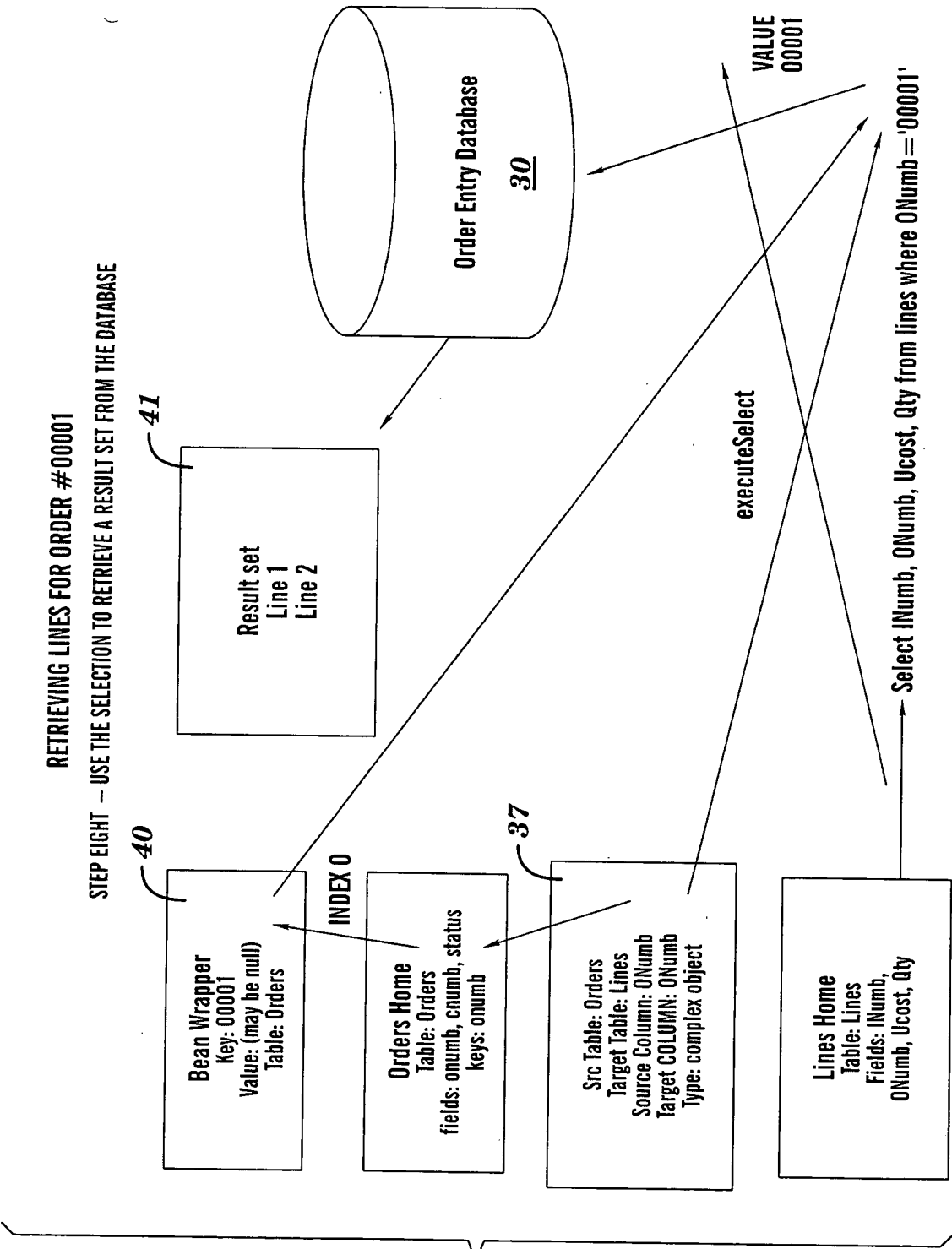
**FIG. 13**



**FIG. 14**



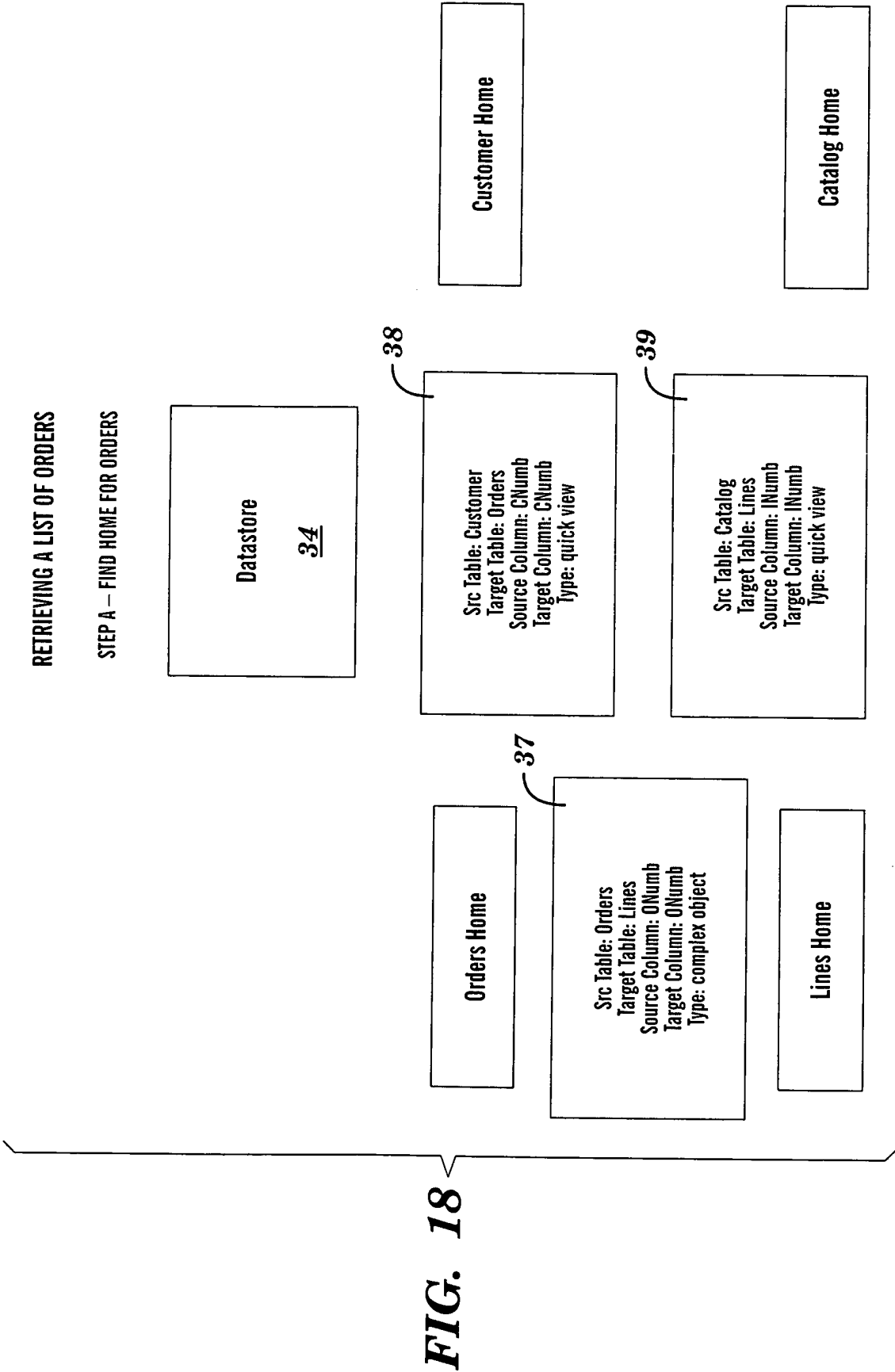
**FIG. 15**

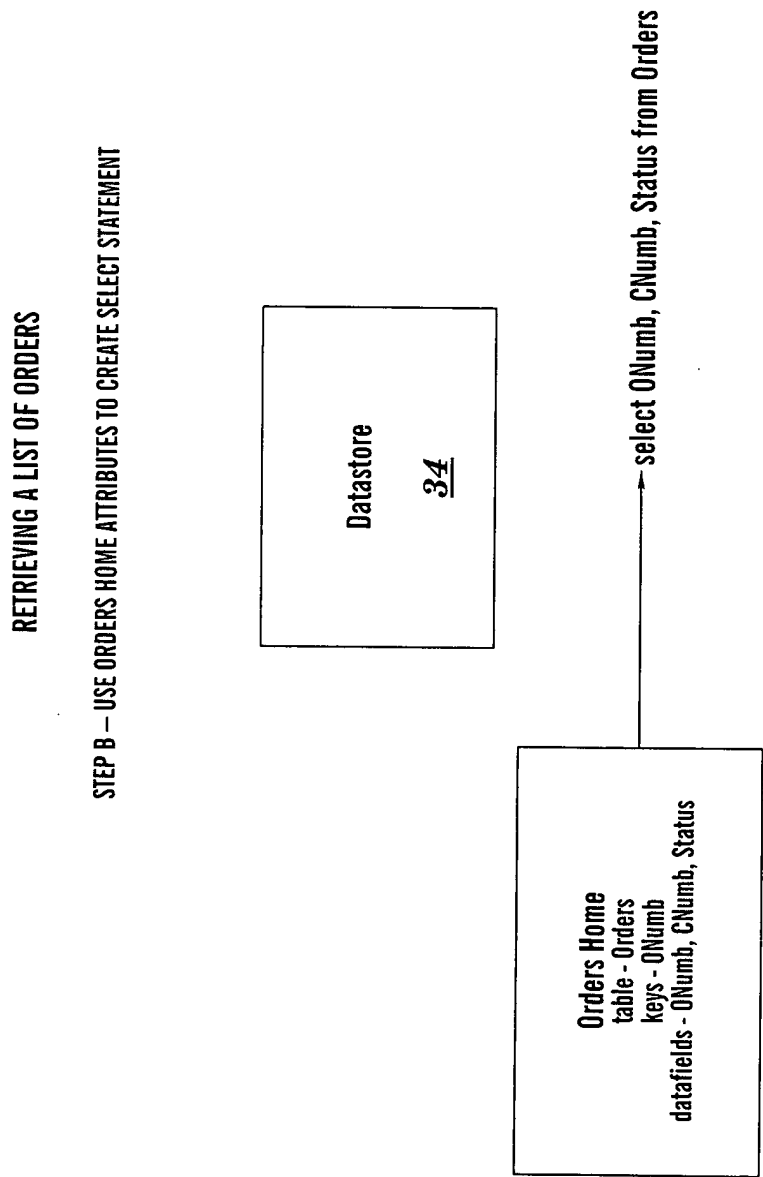


**FIG. 16**



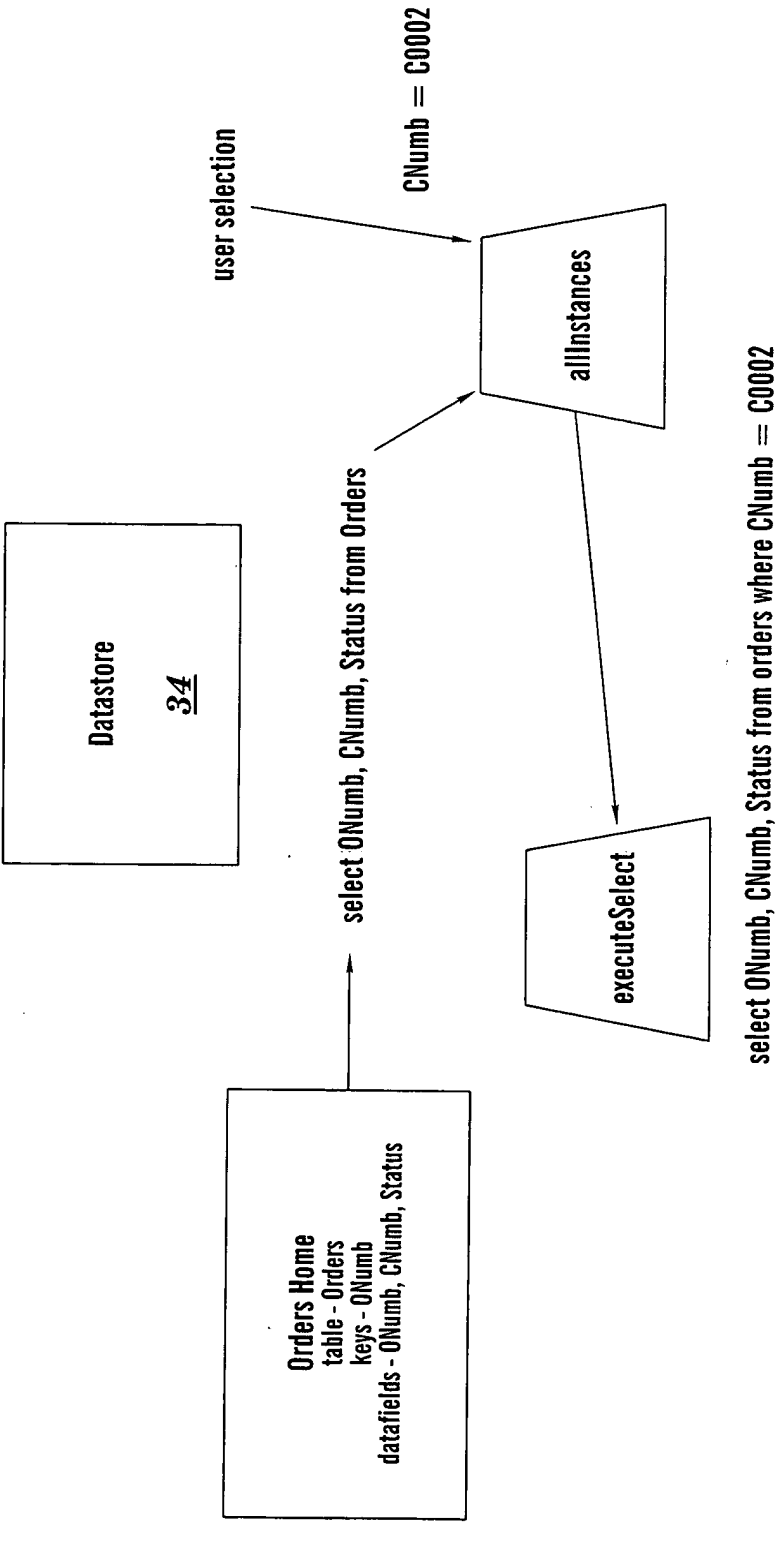






**FIG. 19**

RETRIEVING A LIST OF ORDERS  
STEP C – THE BEAN IMPLEMENTOR allInstancesmethod ADDS SELECTION CRITERIA  
AND callexecuteSelect ON THE HOME



**FIG. 20**

RETRIEVING A LIST OF ORDERS

STEP D - CREATE A VECTOR OF BEAN WRAPPERS FOR THE RESULT SET

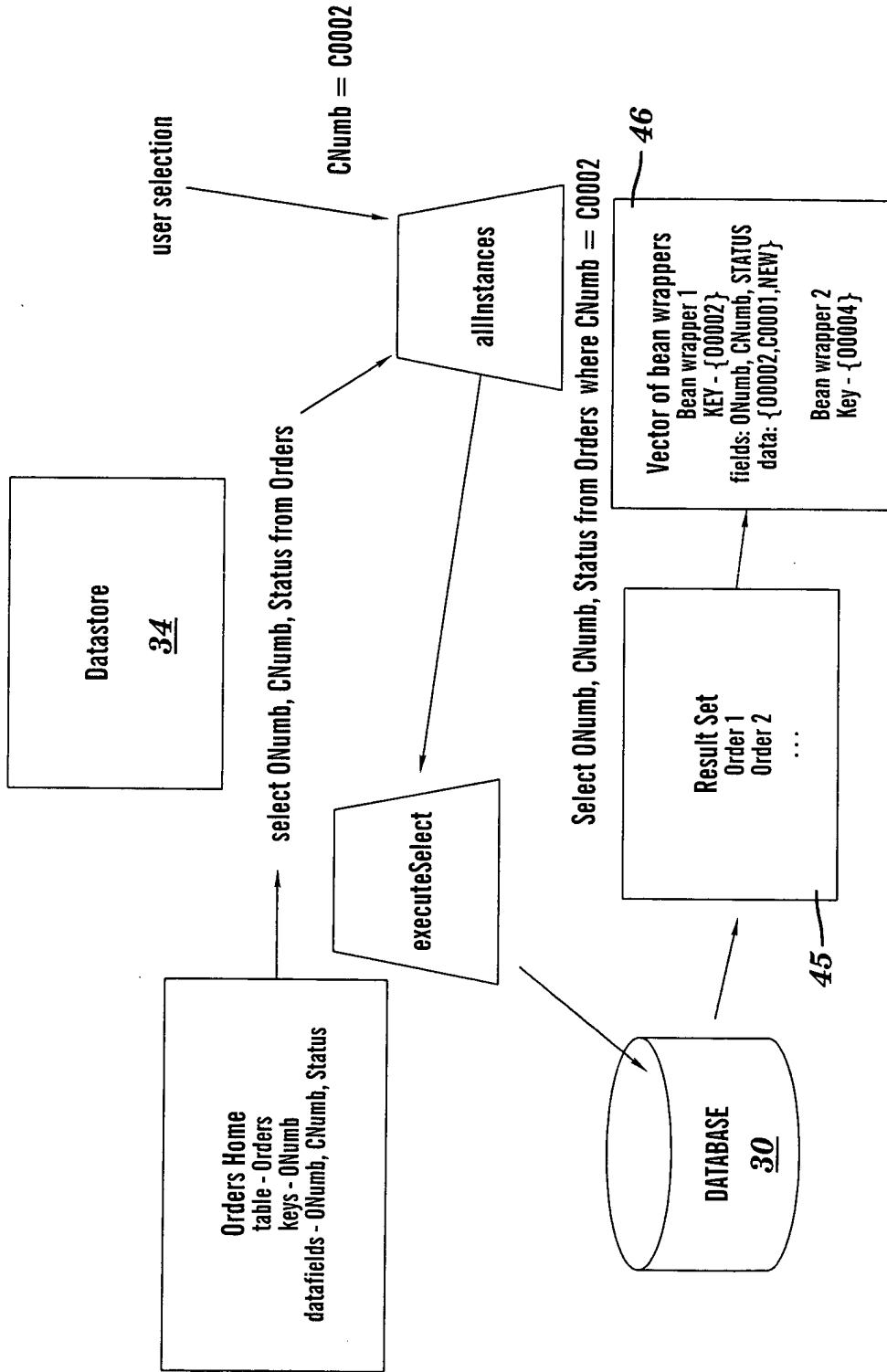
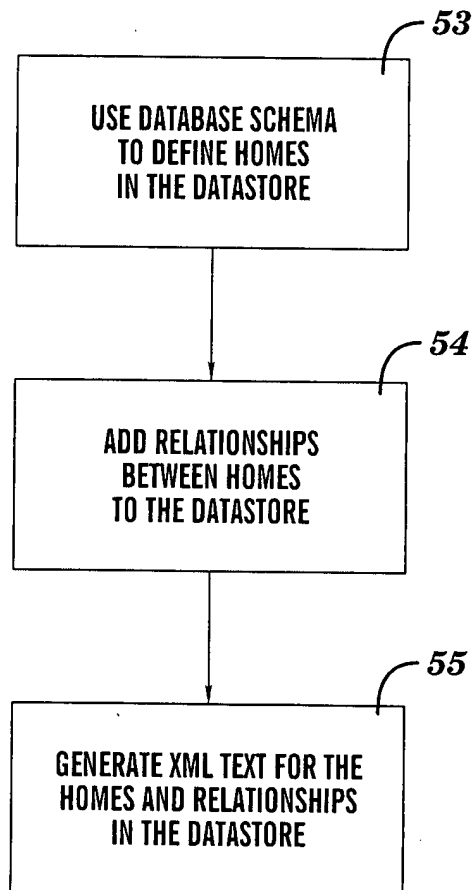
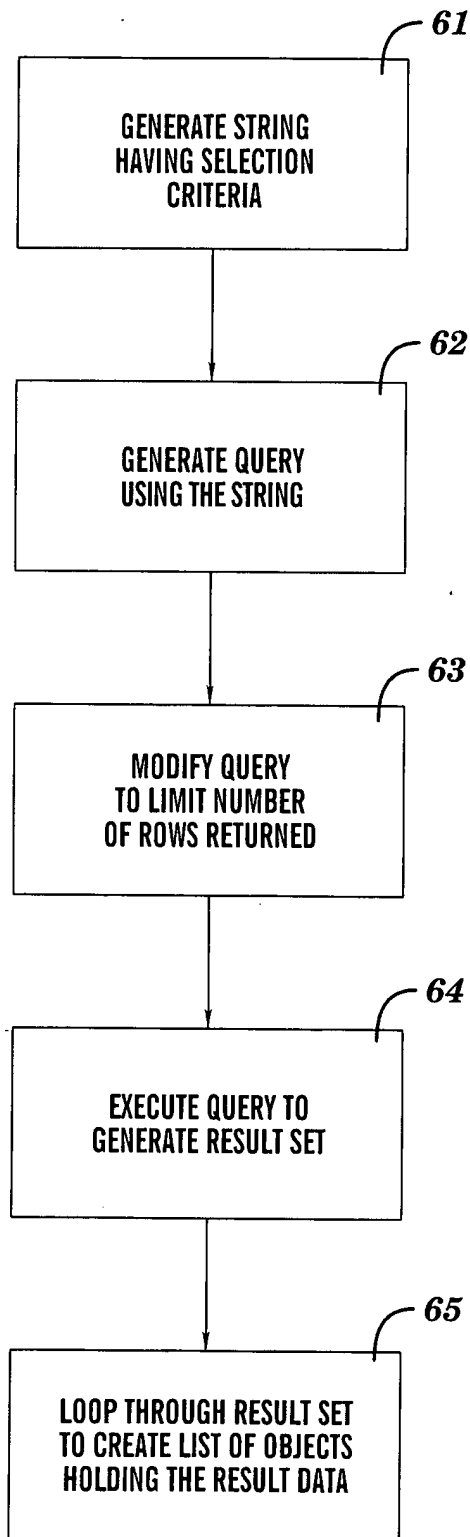


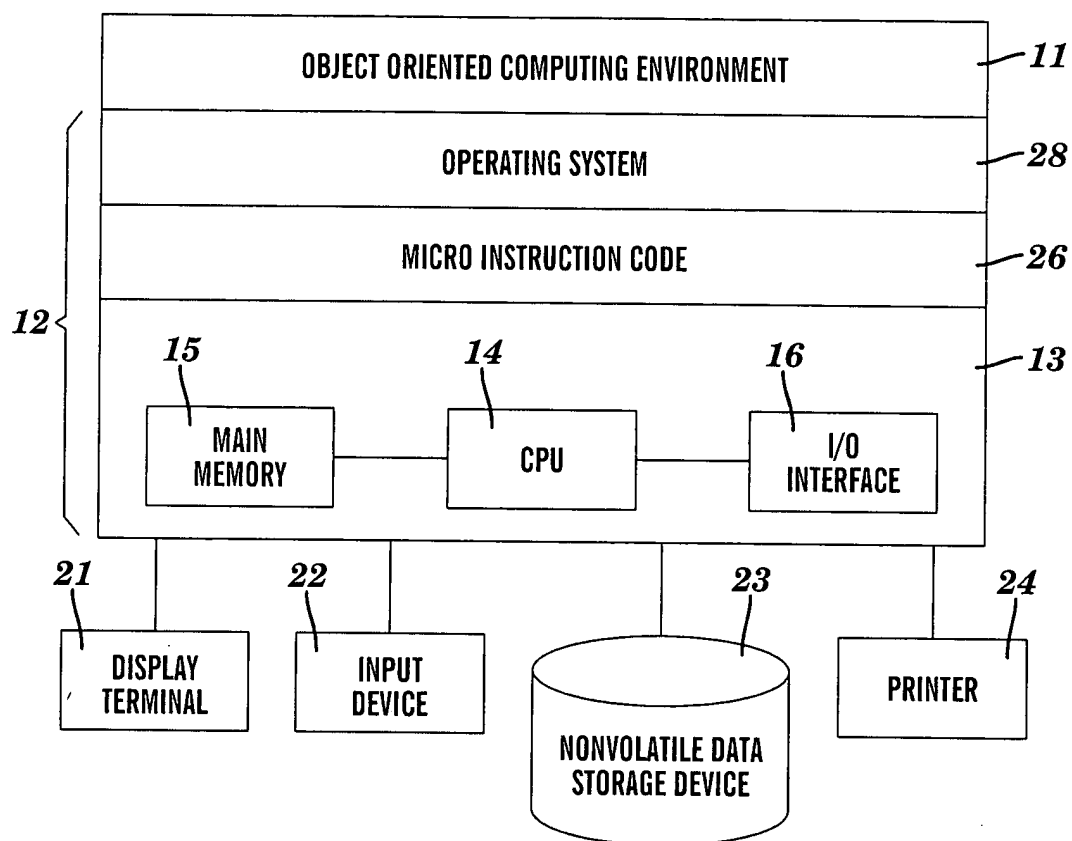
FIG. 21



**FIG. 22**

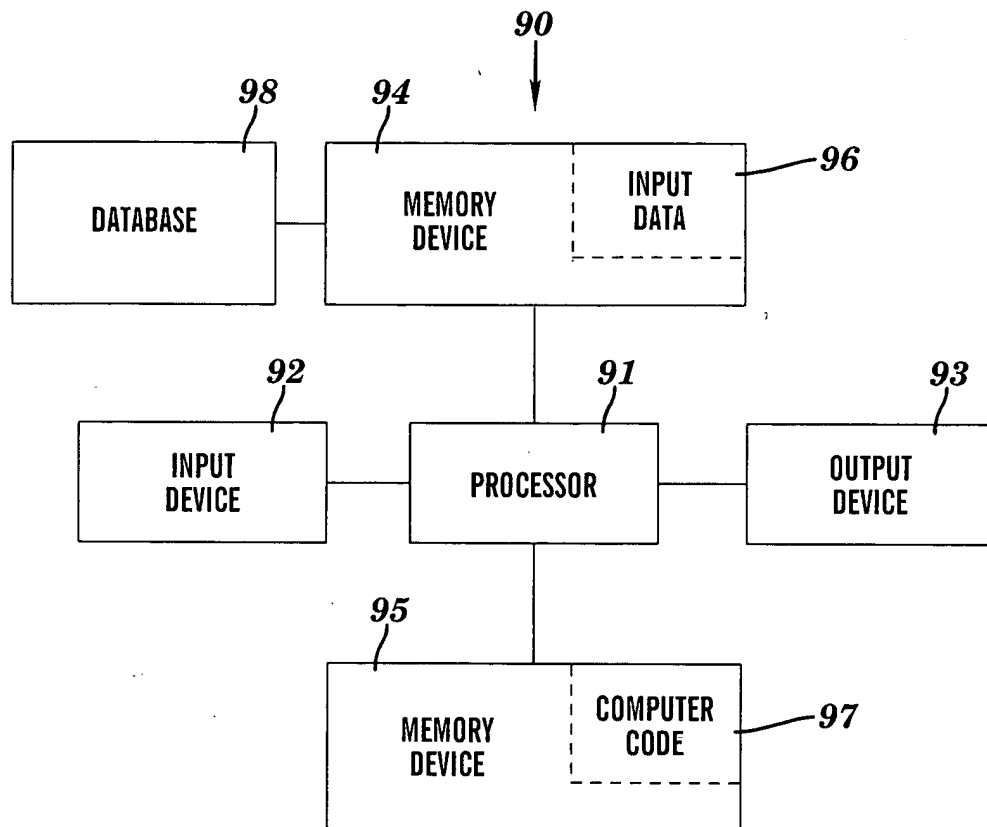


**FIG. 23**



**FIG. 24**





**FIG. 25**